

Appl. No. 10/562,652
Reply to Office Action of March 29, 2007

REMARKS/ARGUMENTS

Claim 1 is amended to include subject matter which was originally included in Claim 3 (except -F).

New Claims 9-11 claim the groups in Claim 1, separately.

Claim 7 terminology is corrected (see page 64, third paragraph of the specification).

Tables 1 and 2 are corrected. The Amendments of Tables 1 and 2 are supported by page 72, line 5 - page 73, line 15 (for Table 1) and page 77, line 5 - page 78, line 2 (for Table 2), of the present specification, or by Tables 1 and 2 in the Publication of WO 2005/004549 A1 (in Japanese language).

Claims 1-8 are rejected under 35 USC 102(e) as being anticipated by Matsuura et al (US 6,750,608). Claims 1-7 are rejected under 35 USC 102(e) as anticipated by Suh et al (US 2004/0056266 A1). Also Suh is combined with Sano et al for an obviousness rejection of Claim 8.

As compounds contained in the layer adjacent to the emission layer, provided between the emission layer and the cathode (hole blocking layer), both of Matsuura et al and Suh et al disclose compounds having -F as an electron withdrawing group, however,

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neither of them discloses a compound having $-CF_3$, $-CN$ or $-SO_2R$ as an electron withdrawing group.

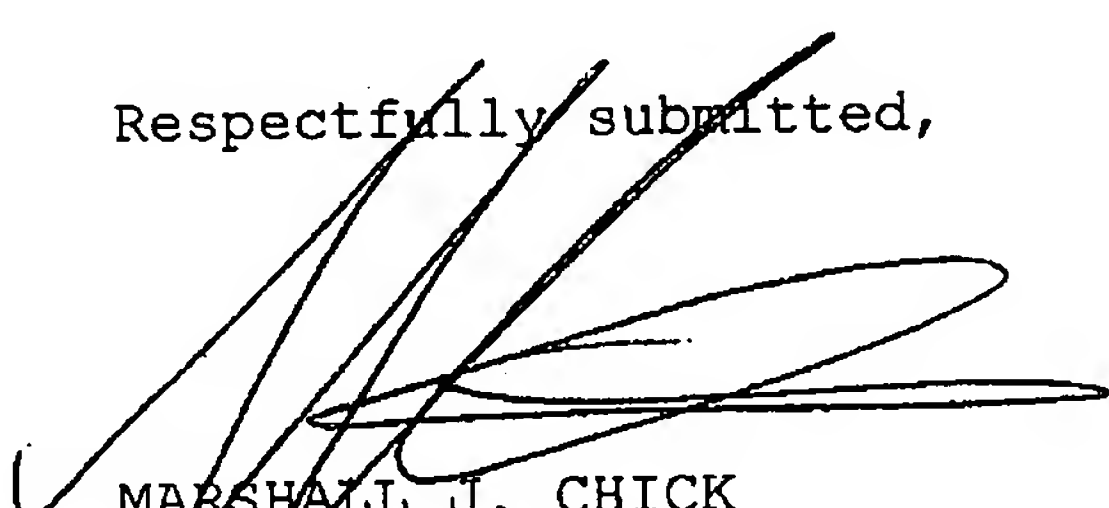
Therefore, Claim 1 (and claims dependent thereon) is not anticipated by these references. Also Claim 8 depends on Claim 1 and is, therefore, patentable for the same reasons as Claim 1.

In addition, Applicants note that the superiority of compounds containing $-CF_3$ (Nos. 1-8 (Compound 30), 1-10(43), 1-12(47), 1-14(49) and 1-16(57), in Table 1) or of $-SO_2R$ (No. 1-13(48) in Table 1) compared to a compound containing $-F$ (No. 1-11(45) in Table 1) is clearly demonstrated in Table 1 (see also Claims 9 and 10). (A compound containing $-CN$ (No. 1-15(53) in Table 1) shows a poorer property compared to the property of the compound containing $-F$ (No. 1-44(45) in Table 1)).

In view of the above, the rejections are avoided. Allowance of the application is therefore respectfully requested.

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Respectfully submitted,



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Enc. Extension of Time (One month)
PTO-2038 - \$120.00